

ABSTRACT

The present invention is directed to a medical device having a polymerized base coat layer for the immobilization of an anti-thrombogenic material, such as heparin, thereon. The binding coat layer is comprised of various chemically functional groups which are stable and allow for the immobilization of the anti-thrombogenic material thereto. Methods for immobilizing the anti-thrombogenic material within the base coat layer posited on a surface of the medical device are also provided.